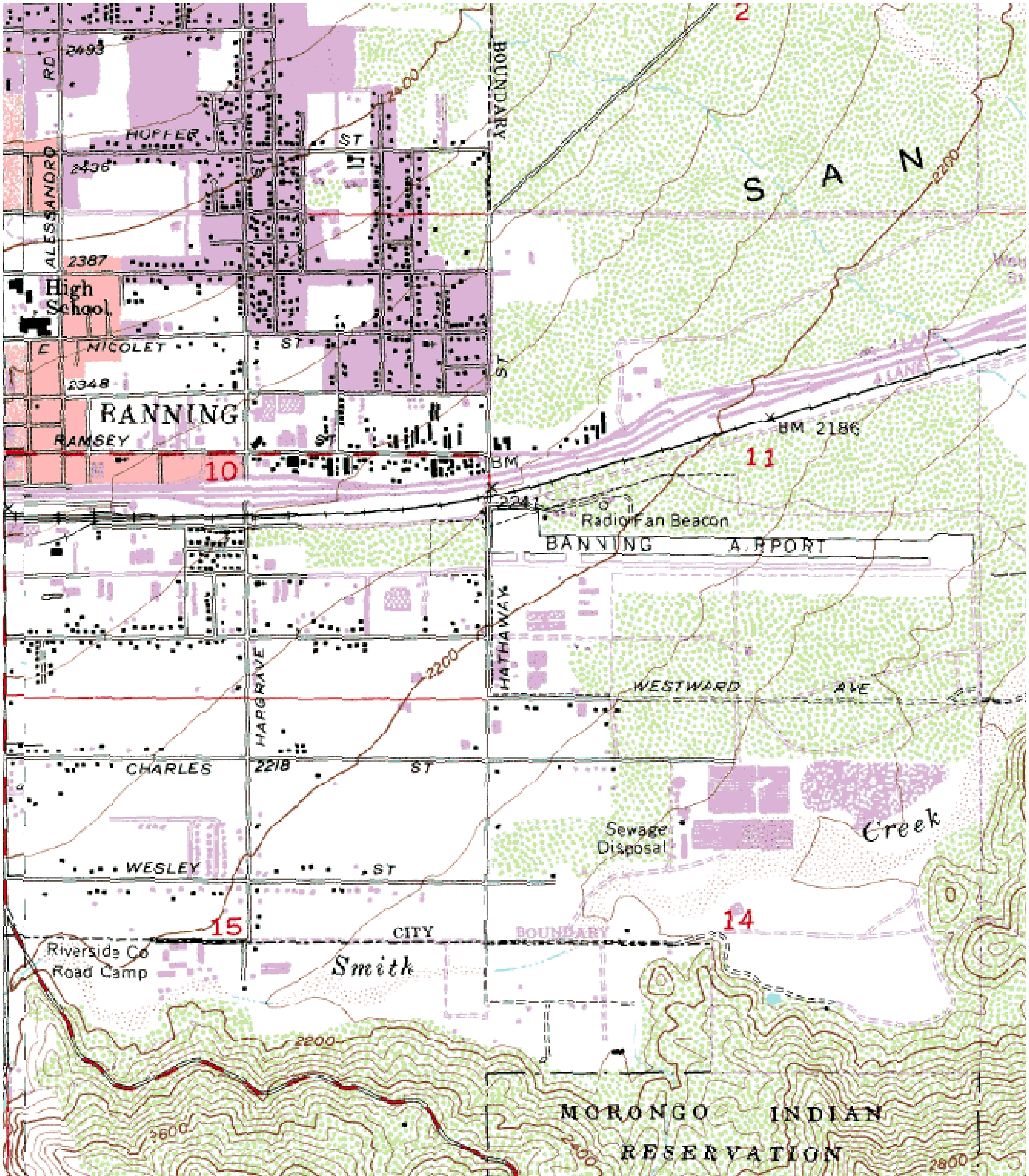
South Coast AQMD
Site Survey Report for Banning-Airport

Last updated: May, 2017

AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060650012	33164	04/1997	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
200 S. Hathaway St Banning, CA 92220	Riverside	South Coast	33° 55' 14"N	116° 51' 30"W	671



BOUNDARY
HOFFER ST
ALESSANDRO RD
2493
2436
2387
2348
2400
High School
E NICOLET ST
BANNING
RAMSEY ST
10
2
SAN
2200
BM 2186
11
BM
2241
Radio Fan Beacon
BANNING AIRPORT
HATHAWAY ST
HARGRAVE
WESTWARD AVE
CHARLES ST
2218
Sewage Disposal
Creek
WESLEY ST
15
CITY BOUNDARY
14
Riverside Co Road Camp
Smith
MORONGO INDIAN RESERVATION
2600
2400
2800

Detailed Site Information

Local site name	Banning-Airport
AQS ID	060650012
GPS coordinates (decimal degrees)	Latitude: 33° 55’ 14” Longitude: 116° 51’ 30”
Street Address	200 S Hathaway St, Banning, CA 92220
County	Riverside
Distance to roadways (meters)	80; 366
Traffic count (AADT, year)	< 2,000 / 2012; I-10/Hargrave, 116,000, 2011
Groundcover (e.g. asphalt, dirt, sand)	Gravel
Representative statistical area name (i.e. MSA, CBSA, other)	40140-Riverside-San Bernardino-Ontario, CA MSA

Pollutant, POC	Nitrogen Dioxide, 1	Ozone, 1	PM10, 1	Continuous PM2.5, 3
Primary / QA Collocated / Other	N/A	N/A	Primary	Other
Parameter code	42602	44201	See Table 26	88502
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Population Exposure	Population Exposure	Population Exposure	Population Exposure
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network Affiliation	N/A	N/A	N/A	N/A
Instrument manufacturer and model	Thermo 42i	Thermo 49i	Sierra Andersen 1200 SSI	Met One BAM 1020
Method code	074	047	063, 102	731
FRM/FEM/ARM/ other	FRM	FEM	FRM	Non-FEM
Collecting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Analytical Lab (i.e.weigh lab, toxics lab, other)	N/A	N/A	SCAQMD	N/A
Reporting Agency	SCAQMD	SCAQMD	SCAQMD	SCAQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	04/01/1997	04/01/1997	04/01/1997	02/10/2006
Current sampling frequency (e.g.1:3, continuous)	1:1	1:1	1:6	1:1
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	N/A	1:6	N/A
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	4.05	4.05	3.5	4.75
Distance from supporting structure (meters)	2	2	2	2
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A

Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	N/A	N/A	N/A	N/A
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	N/A	N/A	N/A	N/A
Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Teflon	Teflon	N/A	N/A
Residence time for reactive gases (seconds)	8.3	6.8	N/A	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	N/A	N/A	Monthly	N/A
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	Monthly
Frequency of one-point QC check for gaseous instruments	Nightly	Nightly	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	09/07/2016	09/07/2016	N/A	
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	N/A	04/13/2016, 11/01/2016	06/23/2016, 12/20/2016

Banning-Airport
Site Photos

Looking North from the probe.

Looking East from the probe.

Looking South from the probe.

Looking West from the probe.

Banning-Airport
Site Photos (Cont.)

Looking at the probe from the North.

Looking at the probe from the East.

Looking at the probe from the South.

Looking at the probe from the West.